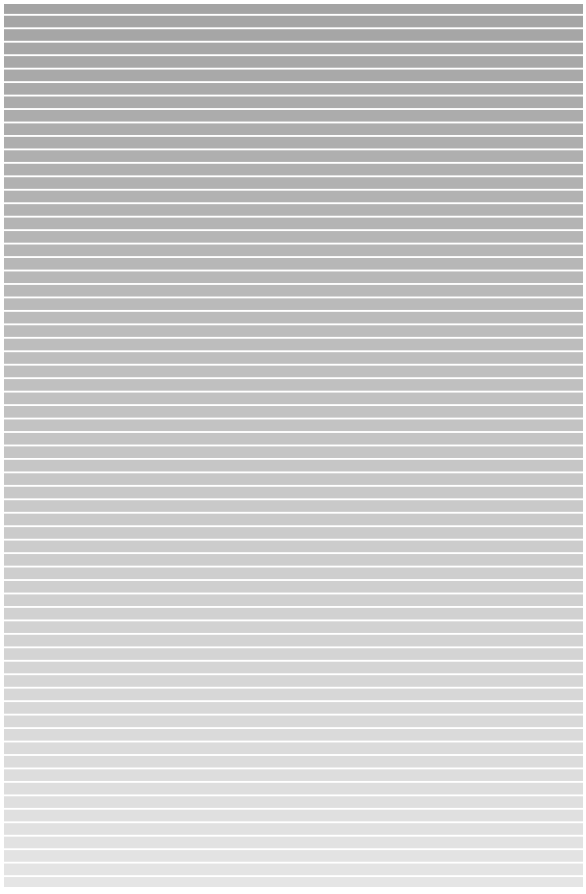
SAMSUNG

3 CD CHANGER
MINI MINI COMPONENT
MAX-852P/858P

SERVICE Manual

This service manual is based on the on model MAX850(CODE NO :AH68-20176A)
This service manual contains change notes differing from the model MAX850.
For the change notes, refer to the “contents”.

3CD CHANGER MINI COMPONENT



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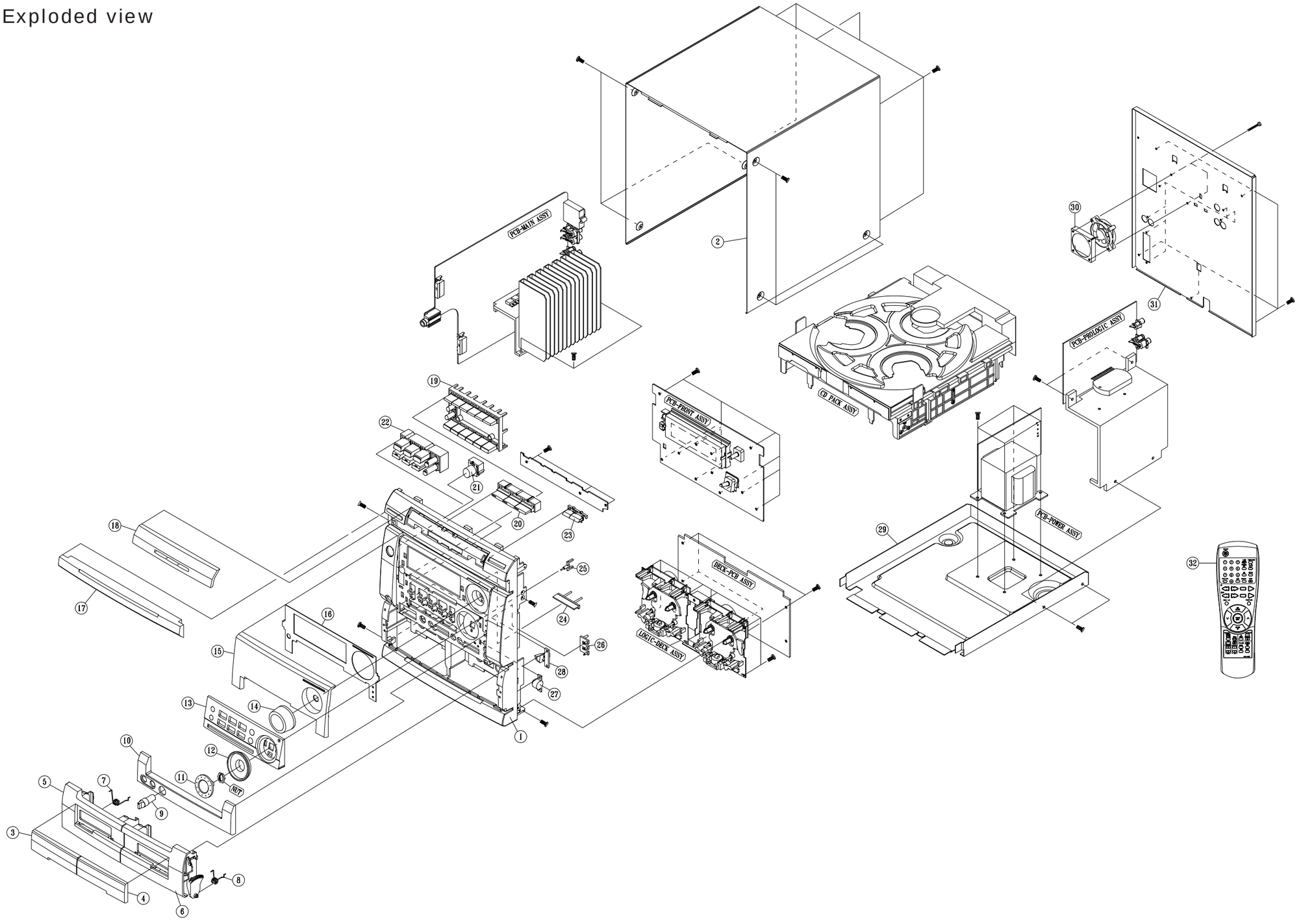
3. Exploded view and Parts List

3-1. Exploded view



3-2 Parts List

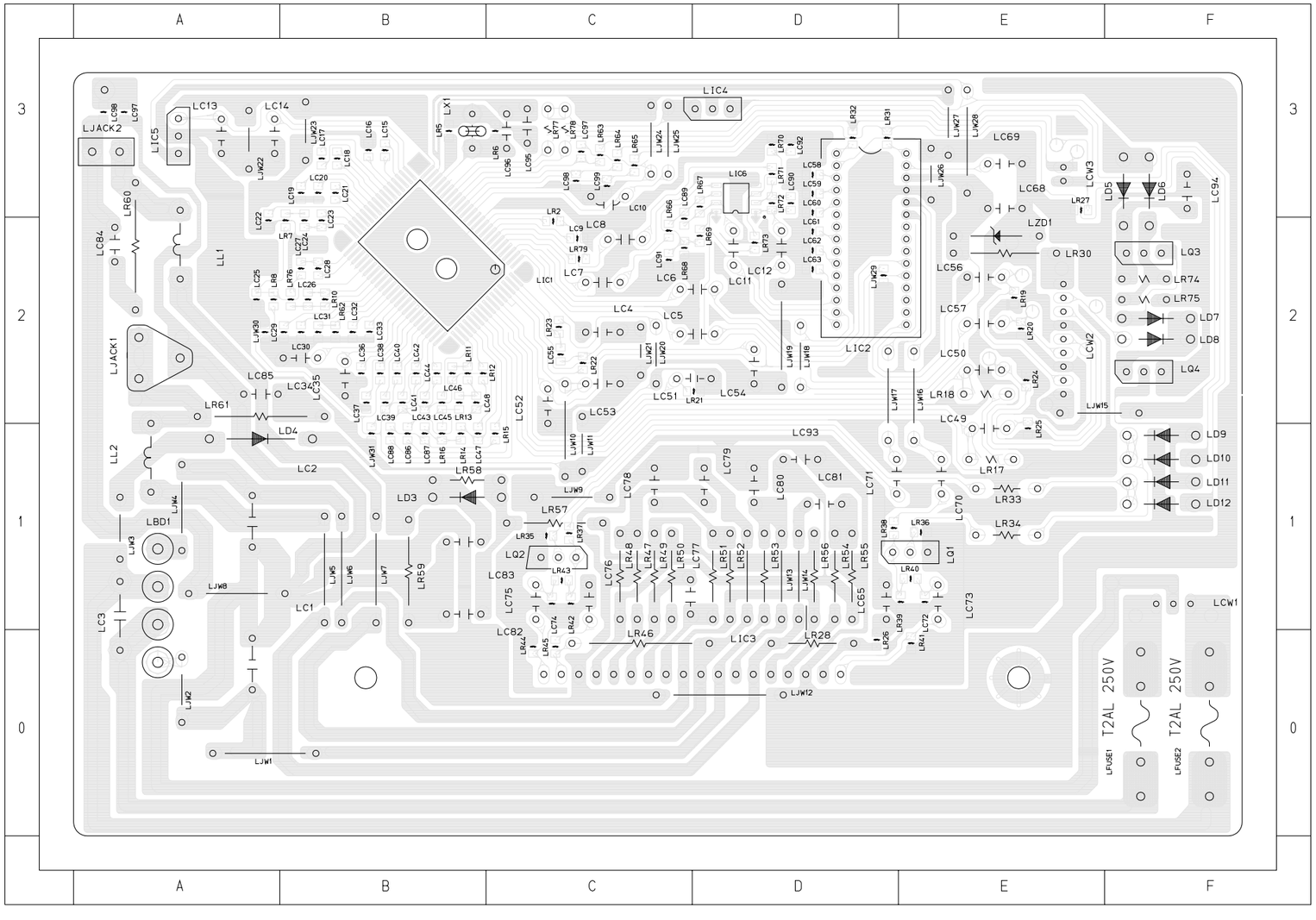
NO	DESCRIPTION	CODE-NO	SPECIFICATION	QTY	SET COLOR		REMARK
					TITAN	SILVER	
1	CABINET-FRONT	AH64-30418B	MIPS 94HB GRAY	1		*	
		AH64-30418C	MIPS 94HB BLK			*	
2	CABINET-TOP	AH64-30390A	PCM 0.625T D/GRAY	1	*		
		AH64-30390B	PCM 0.625T SILVER			*	
3	WINDOW-DOOR,A	AH64-40438A	"PMMA VIOLET(LUCKY,71129)"	1	*	*	
4	WINDOW-DOOR,B	AH64-40439A	"PMMA VIOLET(LUCKY,71129)"	1	*	*	
5	DOOR-CASS.A	AH64-50338B	ABS 94HB GRAY	1		*	
		AH64-50338C	ABS 94HB BLK			*	
6	DOOR-CASS.B	AH64-50339B	ABS 94HB GRAY	1		*	
		AH64-50339C	ABS 94HB BLK			*	
7	SPRING-EJECT,A	AH61-62004A	STS •'1.1	1	*	*	
8	SPRING-EJECT,B	AH61-62005A	STS •'1.1	1	*	*	
9	KNOB-MIC	AH64-11214B	ABS D/GRAY(G4333)	1		*	OPTION
		AH64-11214C	ABS D/GRAY(G3174)			*	OPTION
10	CAP-FRONT	AH61-20484E	MIPS 94HB BLK	1	*		
		AH61-20484H	MIPS 94HB GRAY			*	
		AH61-20485E	MIPS 94HB BLK			*	"MIC,MIXING"
		AH61-20485H	MIPS 94HB GRAY			*	"MIC,MIXING"
11	KNOB-JOG	AH64-11222B	ABS GRAY (G6430)	1		*	
		AH64-11222C	ABS D/GRAY(G3174)			*	
12	DECO-JOG	AH64-40440B	ABS NATURAL (Cr Coating)	1	*	*	
13	DECO-FRONT	AH64-40433C	MIPS 94HB BLK	1	*		
		AH64-40433D	MIPS 94HB GRAY			*	
14	KNOB-VOLUME	AH64-11221B	ABS GRAY (G6430)	1		*	
		AH64-11221C	ABS D/GRAY(G3174)			*	
15	WINDOW-VFD	AH64-40436C	"PMMA VIOLET(LUCKY,41802)"	1	*	*	
16	FILTER-VFD	AH67-40028A	PC 0.3T BLK	1		*	OPTION
17	DOOR-CD	AH64-50340F	MIPS 94HB BLK	1	*		
		AH64-50340T	MIPS 94HB GRAY			*	
18	WINDOW-CD	AH64-40435B	"PMMA VIOLET(LUCKY,71129)"	1	*	*	
19	KNOB-DEMO	AH64-11227A	ABS M/GRAY(G4333)	1		*	
		AH64-11227B	ABS D/GRAY(G3174)			*	
20	KNOB-DISC	AH64-11225A	ABS GRAY (G6430)	1		*	
		AH64-11225B	ABS D/GRAY(G3174)			*	
21	KNOB-POWER	AH64-11230B	ABS GRAY (G6430)	1		*	
		AH64-11230C	ABS D/GRAY(G3174)			*	
22	KNOB-FUNCTION	AH64-11226B	ABS M/GRAY (G4333)	1		*	
		AH64-11226C	ABS D/GRAY(G3174)			*	
23	KNOB-OP/CL	AH64-11224B	ABS GRAY (G6430)	1		*	
		AH64-11224C	ABS D/GRAY(G3174)			*	
24	LENS-COM.	AH67-10166A	PMMA MILKY	1	*	*	
25	LENS-JOG	AH67-10168A	PMMA MILKY	1	*	*	
26	LENS-PRO	AH67-10167A	PMMA MILKY	1	*	*	
27	DAMPER-ASSY	AH61-80030A	POM	2	*	*	
28	LATCH-ASSY	AH95-50001A	MAX-555	2	*	*	
29	CABINET-BOTTOM	AH64-30416A	SECC 1.0T	1	*	*	
30	BRKT-FAN	AH61-10747A	SECC 1.0T	1	*	*	
31	CABINET-REAR	AH64-30417K	SECC 0.8T	1	*	*	1 VOL EXP
		AH64-30417M	SECC 0.8T		*	*	2 VOL EXP
		AH64-30417N	SECC 0.8T		*	*	"""SW"" 1 VOL EXP"
		AH64-30417P	SECC 0.8T		*	*	"""SW"" 2 VOL EXP"
32	REMOCON-ASSY	AH59-10122C	58 Key	1	*		EXP
		AH59-10122F	58 Key		*		BEKO
		AH59-10122G	58 Key		*	*	ARC
	COVER-HIDDEN	AH63-30244B	ABS D/GRAY	1	*	*	
	COVER-BATTERY	AH63-30244C	ABS D/GRAY	1	*	*	

5. Electrical Parts List

Location no.	Code no.	Description & Specifiation	Remarks
AH90-10740R	**ASSY-PROLOGIC PCB;MAX850,PROLOGIC**		
LRD1	0402-000450	DIODE-BRIDGE;PBL403,200V,4.0A,DIP-4	
LIC3	1201-000339	IC-POWER AMP;4132,SIP,18P,-,DUAL,-,PLAST	
LIC2	1204-001281	IC-AUDIO PROCESSOR;TDA7439,DIP,30P,400MI	
LC1	2401-001928	C-AL;2200UF,20%,35V,GP,BK,16X31MM,7	
LC2	2401-001928	C-AL;2200UF,20%,35V,GP,BK,16X31MM,7	
LX1	2802-000158	RESONATOR-CERAMIC;4MHz,0.5%,TP,10.0x5.0x	
LFUSE1	3601-000248	FUSE-FERRULE;250V,2A,TIME LAG,GLASS,5x20	
LFUSE2	3601-000248	FUSE-FERRULE;250V,2A,TIME LAG,GLASS,5x20	
LCW1	3711-000903	CONNECTOR-HEADER;BOX,3P,1R,2.5mm,STRAIGH	
LJACK1	3722-000398	JACK-RCA;3P/2C,3.5mm,SN,BLK,#16~22	
LJACK2	3722-001011	JACK-RCA;2P,3.5mm,NI,BLK,-	
LL1	AH27-90001A	COIL-SPRING;,2.2UH,-,-,SPRING	
LL2	AH27-90001A	COIL-SPRING;,2.2UH,-,-,SPRING	
LCW3	AH39-20560U	LEAD CONNECTOR-ASSY;-,51004-02,35023-02,	
LCW2	AH39-20560V	LEAD CONNECTOR-ASSY;-,51004-09,35023-09,	
LIC6	1201-000163	IC-OP AMP;4560,SOP,8P,150MIL,DUAL,100V/M	
LIC1	1204-001314	IC-SOUND PROCESSOR;M62460FP,QFP,80P,-,PL	
LJW29	2007-000029	R-CHIP;0ohm,5%,1/10W,DA,TP,2012	
LJW30	2007-000029	R-CHIP;0ohm,5%,1/10W,DA,TP,2012	
LJW31	2007-000029	R-CHIP;0ohm,5%,1/10W,DA,TP,2012	
LR23	2007-000248	R-CHIP;1.5Mohm,5%,1/10W,DA,TP,2012	
LR19	2007-000282	R-CHIP;100Kohm,5%,1/10W,DA,TP,2012	
LR20	2007-000282	R-CHIP;100Kohm,5%,1/10W,DA,TP,2012	
LR22	2007-000282	R-CHIP;100Kohm,5%,1/10W,DA,TP,2012	
LR24	2007-000282	R-CHIP;100Kohm,5%,1/10W,DA,TP,2012	
LR25	2007-000282	R-CHIP;100Kohm,5%,1/10W,DA,TP,2012	
LR39	2007-000282	R-CHIP;100Kohm,5%,1/10W,DA,TP,2012	
LR42	2007-000282	R-CHIP;100Kohm,5%,1/10W,DA,TP,2012	
LR31	2007-000290	R-CHIP;100ohm,5%,1/10W,DA,TP,2012	
LR32	2007-000290	R-CHIP;100ohm,5%,1/10W,DA,TP,2012	
LR63	2007-000290	R-CHIP;100ohm,5%,1/10W,DA,TP,2012	
LR64	2007-000290	R-CHIP;100ohm,5%,1/10W,DA,TP,2012	
LR65	2007-000290	R-CHIP;100ohm,5%,1/10W,DA,TP,2012	
LC8	2007-000300	R-CHIP;10Kohm,5%,1/10W,DA,TP,2012	
LR2	2007-000300	R-CHIP;10Kohm,5%,1/10W,DA,TP,2012	
LR27	2007-000300	R-CHIP;10Kohm,5%,1/10W,DA,TP,2012	
LR68	2007-000300	R-CHIP;10Kohm,5%,1/10W,DA,TP,2012	
LR69	2007-000300	R-CHIP;10Kohm,5%,1/10W,DA,TP,2012	
LR70	2007-000300	R-CHIP;10Kohm,5%,1/10W,DA,TP,2012	
LR73	2007-000300	R-CHIP;10Kohm,5%,1/10W,DA,TP,2012	
LR79	2007-000300	R-CHIP;10Kohm,5%,1/10W,DA,TP,2012	
LR13	2007-000409	R-CHIP;15Kohm,5%,1/10W,DA,TP,2012	
LR16	2007-000409	R-CHIP;15Kohm,5%,1/10W,DA,TP,2012	
LR5	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
LR6	2007-000477	R-CHIP;1Mohm,5%,1/10W,DA,TP,2012	
LR37	2007-000493	R-CHIP;2.2Kohm,5%,1/10W,DA,TP,2012	
LR38	2007-000493	R-CHIP;2.2Kohm,5%,1/10W,DA,TP,2012	
LR40	2007-000493	R-CHIP;2.2Kohm,5%,1/10W,DA,TP,2012	
LR43	2007-000493	R-CHIP;2.2Kohm,5%,1/10W,DA,TP,2012	
LR21	2007-000498	R-CHIP;2.2Mohm,5%,1/10W,DA,TP,2012	
LC26	2007-000586	R-CHIP;22Kohm,5%,1/10W,DA,TP,2012	
LR10	2007-000586	R-CHIP;22Kohm,5%,1/10W,DA,TP,2012	
LR76	2007-000586	R-CHIP;22Kohm,5%,1/10W,DA,TP,2012	
LR62	2007-000778	R-CHIP;330Kohm,5%,1/10W,DA,TP,2012	
LR11	2007-000941	R-CHIP;47Kohm,5%,1/10W,DA,TP,2012	
LR14	2007-000941	R-CHIP;47Kohm,5%,1/10W,DA,TP,2012	
LR8	2007-000941	R-CHIP;47Kohm,5%,1/10W,DA,TP,2012	
LR26	2007-001028	R-CHIP;560ohm,1%,1/10W,DA,TP,2012	
LR45	2007-001028	R-CHIP;560ohm,1%,1/10W,DA,TP,2012	
LR41	2007-001039	R-CHIP;56Kohm,5%,1/10W,DA,TP,2012	
LR44	2007-001039	R-CHIP;56Kohm,5%,1/10W,DA,TP,2012	
LR7	2007-001039	R-CHIP;56Kohm,5%,1/10W,DA,TP,2012	
LC89	2007-001071	R-CHIP;6.8Kohm,5%,1/10W,DA,TP,2012	
LR66	2007-001071	R-CHIP;6.8Kohm,5%,1/10W,DA,TP,2012	
LR71	2007-001071	R-CHIP;6.8Kohm,5%,1/10W,DA,TP,2012	
LR72	2007-001071	R-CHIP;6.8Kohm,5%,1/10W,DA,TP,2012	
LR12	2007-001141	R-CHIP;7.5Kohm,5%,1/10W,DA,TP,2012	
LR15	2007-001141	R-CHIP;7.5Kohm,5%,1/10W,DA,TP,2012	
LC19	2203-000199	C-CERAMIC,CHIP;100nF,+80-20%,50V,Z5U,TP,	
LC20	2203-000199	C-CERAMIC,CHIP;100nF,+80-20%,50V,Z5U,TP,	
LC27	2203-000199	C-CERAMIC,CHIP;100nF,+80-20%,50V,Z5U,TP,	
LC28	2203-000199	C-CERAMIC,CHIP;100nF,+80-20%,50V,Z5U,TP,	
LC38	2203-000199	C-CERAMIC,CHIP;100nF,+80-20%,50V,Z5U,TP,	
LC41	2203-000199	C-CERAMIC,CHIP;100nF,+80-20%,50V,Z5U,TP,	
LC42	2203-000199	C-CERAMIC,CHIP;100nF,+80-20%,50V,Z5U,TP,	
LC45	2203-000199	C-CERAMIC,CHIP;100nF,+80-20%,50V,Z5U,TP,	
LC48	2203-000199	C-CERAMIC,CHIP;100nF,+80-20%,50V,Z5U,TP,	
LC86	2203-000199	C-CERAMIC,CHIP;100nF,+80-20%,50V,Z5U,TP,	
LC87	2203-000199	C-CERAMIC,CHIP;100nF,+80-20%,50V,Z5U,TP,	
LC88	2203-000199	C-CERAMIC,CHIP;100nF,+80-20%,50V,Z5U,TP,	
LC9	2203-000199	C-CERAMIC,CHIP;100nF,+80-20%,50V,Z5U,TP,	
LC97	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,	
LC98	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,	
LC99	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,	
LC16	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,	
LC22	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,	
LC15	2203-000477	C-CERAMIC,CHIP;1uF,+80-20%,16V,Y5V,TP,20	
LC91	2203-000477	C-CERAMIC,CHIP;1uF,+80-20%,16V,Y5V,TP,20	
LC92	2203-000477	C-CERAMIC,CHIP;1uF,+80-20%,16V,Y5V,TP,20	
LC32	2203-000575	C-CERAMIC,CHIP;220nF,10%,50V,X7R,TP,2012	
LC33	2203-000575	C-CERAMIC,CHIP;220nF,10%,50V,X7R,TP,2012	
LC36	2203-000575	C-CERAMIC,CHIP;220nF,10%,50V,X7R,TP,2012	
LC37	2203-000575	C-CERAMIC,CHIP;220nF,10%,50V,X7R,TP,2012	
LC43	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012,	
LC44	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012,	
LC55	2203-000787	C-CERAMIC,CHIP;330pF,5%,50V,NPO,TP,2012,	
LC25	2203-000953	C-CERAMIC,CHIP;470pF,5%,50V,NPO,TP,2012,	
LC72	2203-000953	C-CERAMIC,CHIP;470pF,5%,50V,NPO,TP,2012,	
LC74	2203-000953	C-CERAMIC,CHIP;470pF,5%,50V,NPO,TP,2012,	
LC100	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,	
LC101	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,	
LC30	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,	
LC39	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,	
LC40	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,	
LC29	2203-001036	C-CERAMIC,CHIP;5.6nF,10%,50V,X7R,TP,2012	
LC46	2203-001132	C-CERAMIC,CHIP;680pF,5%,50V,NPO,2012,-,T	
LC47	2203-001132	C-CERAMIC,CHIP;680pF,5%,50V,NPO,2012,-,T	
LC18	2203-001137	C-CERAMIC,CHIP;68NF,+80-20%,50V,Y5V,TP,2	
LC21	2203-001137	C-CERAMIC,CHIP;68NF,+80-20%,50V,Y5V,TP,2	
LC24	2203-001137	C-CERAMIC,CHIP;68NF,+80-20%,50V,Y5V,TP,2	
LC17	2203-001518	C-CERAMIC,CHIP;1.8NF,10%,50V,X7R,TP,2012	
LC23	2203-001518	C-CERAMIC,CHIP;1.8NF,10%,50V,X7R,TP,2012	
LC90	2203-001524	C-CERAMIC,CHIP;47pF,5%,50V,NPO,TP,2012,-	
LR67	2203-001524	C-CERAMIC,CHIP;47pF,5%,50V,NPO,TP,2012,-	
LC58	2203-001537	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
LC59	2203-001537	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
LC60	2203-001537	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
LC61	2203-001537	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
LC62	2203-001537	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
LC63	2203-001537	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
LC26	2203-001734	C-CERAMIC,CHIP;680nF,5%,50V,X7R,TP,2012,	
LC31	2203-001734	C-CERAMIC,CHIP;680nF,5%,50V,X7R,TP,2012,	
LD10	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,500mW,	
LD11	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,500mW,	
LD12	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,500mW,	
LD5	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,500mW,	
LD6	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,500mW,	
LD7	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,500mW,	
LD8	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,500mW,	

Location no.	Code no.	Description & Specifiation	Remarks
LD9	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,500mW,	
LD3	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41	
LD4	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41	
LZD1	0403-000372	DIODE-ZENER;UZ9.1BM,9.1V,8.5-9.6V,500mW,	
LQ3	0501-000294	TR-SMALL SIGNAL;KSA708-Y,PNP,800mW,TO-92	
LQ1	0501-000407	TR-SMALL SIGNAL;KSD471A-Y,NPN,800mW,TO-9	
LQ2	0501-000407	TR-SMALL SIGNAL;KSD471A-Y,NPN,800mW,TO-9	
LQ4	0504-000146	TR-DIGITAL;KSR2004,PNP,300mW,47K-47K,TO-	
LIC4	1203-000189	IC-POSI.ADJUST REG.;78L05A,TO-92,3P,-,PL	
LIC5	1203-000189	IC-POSI.ADJUST REG.;78L05A,TO-92,3P,-,PL	
LR50	2001-000028	R-CARBON(S);100ohm,5%,1/2W,AA,TP,2.4x6.4	
LR53	2001-000028	R-CARBON(S);100ohm,5%,1/2W,AA,TP,2.4x6.4	
LR49	2001-000290	R-CARBON;10Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
LR56	2001-000319	R-CARBON;120Kohm,5%,1/8W,AA,TP,1.8x3.2m	
LR17	2001-000522	R-CARBON;22Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
LR18	2001-000522	R-CARBON;22Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
LR74	2001-000522	R-CARBON;22Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
LR33	2001-000591	R-CARBON;3.3Kohm,5%,1/8W,AA,TP,1.8x3.2m	
LR34	2001-000591	R-CARBON;3.3Kohm,5%,1/8W,AA,TP,1.8x3.2m	
LR77	2001-000734	R-CARBON;4.7Kohm,5%,1/8W,AA,TP,1.8x3.2m	
LR78	2001-000734	R-CARBON;4.7Kohm,5%,1/8W,AA,TP,1.8x3.2m	
LR28	2001-000858	R-CARBON;56Kohm,1%,1/8W,AD,TP,1.8x3.2mm	
LR46	2001-000858	R-CARBON;56Kohm,1%,1/8W,AD,TP,1.8x3.2mm	
LR58	2001-000858	R-CARBON;56Kohm,1%,1/8W,AD,TP,1.8x3.2mm	
LR57	2001-000925	R-CARBON;68Kohm,1%,1/8W,AD,TP,1.8x3.2mm	
LR75	2001-000977	R-CARBON;8.2Kohm,5%,1/8W,AA,TP,1.8x3.2m	
LR51	2001-001088	R-CARBON(S);1Kohm,5%,1/2W,AA,TP,2.4x6.4m	
LR52	2001-001088	R-CARBON(S);1Kohm,5%,1/2W,AA,TP,2.4x6.4m	
LR47	2001-001093	R-CARBON(S);2.2Kohm,5%,1/2W,AA,TP,2.4x6.	
LR48	2001-001093	R-CARBON(S);2.2Kohm,5%,1/2W,AA,TP,2.4x6.	
LR54	2001-001093	R-CARBON(S);2.2Kohm,5%,1/2W,AA,TP,2.4x6.	
LR55	2001-001093	R-CARBON(S);2.2Kohm,5%,1/2W,AA,TP,2.4x6.	
LR30	2001-001153	R-CARBON(S);47ohm,5%,1/2W,AA,TP,2.4x6.4m	
LR59	2003-000192	R-METAL OXIDE;1Kohm,5%,1W,AD,TP,4.3x12mm	
LR60	2003-000689	R-METAL OXIDE(S);4.7ohm,5%,1W,AA,TP,3.3x	
LR61	2003-000689	R-METAL OXIDE(S);4.7ohm,5%,1W,AA,TP,3.3x	
LC95	2201-000423	C-CERAMIC,DISC;27pF,5%,50V,NPO,TP,5x3,2.	
LC96	2201-000423	C-CERAMIC,DISC;27pF,5%,50V,NPO,TP,5x3,2.	
LC3	2201-000520	C-CERAMIC,DISC;4.7NF,+80-20%,400VAC,Y5V,	
LC77	2301-000375	C-FILM,PEF;100nF,5%,50V,TP,11x12.5x6.5,7	
LC84	2301-000375	C-FILM,PEF;100nF,5%,50V,TP,11x12.5x6.5,7	
LC85	2301-000375	C-FILM,PEF;100nF,5%,50V,TP,11x12.5x6.5,7	
LC65	2401-000303	C-AL;100uF,20%,25V,GP,TP,6.3x11,2.5	
LC76	2401-000303	C-AL;100uF,20%,25V,GP,TP,6.3x11,2.5	
LC69	2401-000419	C-AL;10UF,20%,16V,GP,-,4X7,5	
LC49	2401-000475	C-AL;10UF,20%,50V,GP,-,5X11,2MM	
LC50	2401-000475	C-AL;10UF,20%,50V,GP,-,5X11,2MM	
LC56	2401-000475	C-AL;10UF,20%,50V,GP,-,5X11,2MM	
LC57	2401-000475	C-AL;10UF,20%,50V,GP,-,5X11,2MM	
LC78	2401-000475	C-AL;10UF,20%,50V,GP,-,5X11,2MM	
LC53	2401-000795	C-AL;220UF,20%,16V,GP,-,8X11.5,3.5M	
LC68	2401-000795	C-AL;220UF,20%,16V,GP,-,8X11.5,3.5M	
LC14	2401-000907	C-AL;22UF,20%,16V,GP,-,5X11,2MM	
LC94	2401-001511	C-AL;47UF,20%,16V,GP,-,6X7,5	
LC79	2401-001572	C-AL;47UF,20%,50V,GP,-,6.3X11,2.5MM	
LC81	2401-001572	C-AL;47UF,20%,50V,GP,-,6.3X11,2.5MM	
LC82	2401-001572	C-AL;47UF,20%,50V,GP,-,6.3X11,2.5MM	
LC83	2401-001572	C-AL;47UF,20%,50V,GP,-,6.3X11,2.5MM	
LC52	2401-001895	C-AL;100uF,20%,16V,GP,6.3x11mm,2.5m	
LC80	2401-001902	C-AL;100UF,20%,50V,GP,-,6.3X11,2.5	
LC93	2401-001902	C-AL;100UF,20%,50V,GP,-,6.3X11,2.5	
LC11	2401-001907	C-AL;10UF,20%,16V,BP,TP,5X11MM,5MM	
LC12	2401-001907	C-AL;10UF,20%,16V,BP,TP,5X11MM,5MM	
LC5	2401-001907	C-AL;10UF,20%,16V,BP,TP,5X11MM,5MM	
LC6	2401-001907	C-AL;10UF,20%,16V,BP,TP,5X11MM,5MM	
LC7	2401-001907	C-AL;10UF,20%,16V,BP,TP,5X11MM,5MM	
LC8	2401-001907	C-AL;10UF,20%,16V,BP,TP,5X11MM,5MM	
LC54	2401-001938	C-AL;22UF,20%,25V,GP,BK,5X11MM,2MM	
LC13	2401-001950	C-AL;4.7UF,20%,16V,GP,BK,5X11MM,2.5	
LC34	2401-001950	C-AL;4.7UF,20%,16V,GP,BK,5X11MM,2.5	
LC35	2401-001950	C-AL;4.7UF,20%,16V,GP,BK,5X11MM,2.5	
LC4	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
LC51	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
LC70	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
LC71	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
LC73	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
LC75	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
FUSE1	3602-000147	FUSE-CLIP;250V,7.5A,30mohm	
FUSE2	3602-000147	FUSE-CLIP;250V,7.5A,30mohm	

2. PCB Diagram



*** RESISTOR ***

LR17 (E1)
LR18 (E2)
LR28 (D0)
LR30 (E2)
LR33 (E1)
LR34 (E1)
LR47 (C1)
LR48 (C1)
LR49 (C1)
LR50 (C1)
LR51 (D1)
LR52 (D1)
LR53 (D1)
LR54 (D1)
LR55 (D1)
LR56 (D1)
LR57 (C1)
LR58 (B1)
LR59 (B1)
LR60 (A2)
LR61 (A2)
LR74 (F2)
LR75 (F2)
LR77 (C3)
LR78 (C3)
LX1 (B3)

*** CONDENSER ***

LC10 (C3)
LC11 (D2)
LC12 (D2)
LC13 (A3)
LC14 (A3)
LC3 (A0)
LC34 (B2)
LC35 (B2)
LC4 (C2)
LC49 (E1)
LC5 (C2)
LC50 (E2)
LC51 (C2)
LC52 (C2)
LC53 (C2)
LC54 (D2)
LC56 (E2)
LC57 (E2)
LC6 (C2)
LC65 (D1)
LC68 (E3)
LC69 (E3)
LC7 (C2)
LC70 (E1)
LC71 (D1)
LC73 (E1)
LC75 (C1)
LC76 (C1)
LC77 (C1)
LC78 (C1)
LC79 (D1)
LC8 (C2)
LC80 (D1)
LC81 (D1)
LC82 (B1)
LC83 (B1)
LC84 (A2)
LC85 (A2)
LC93 (D1)
LC94 (F3)
LC95 (C3)
LC96 (C3)

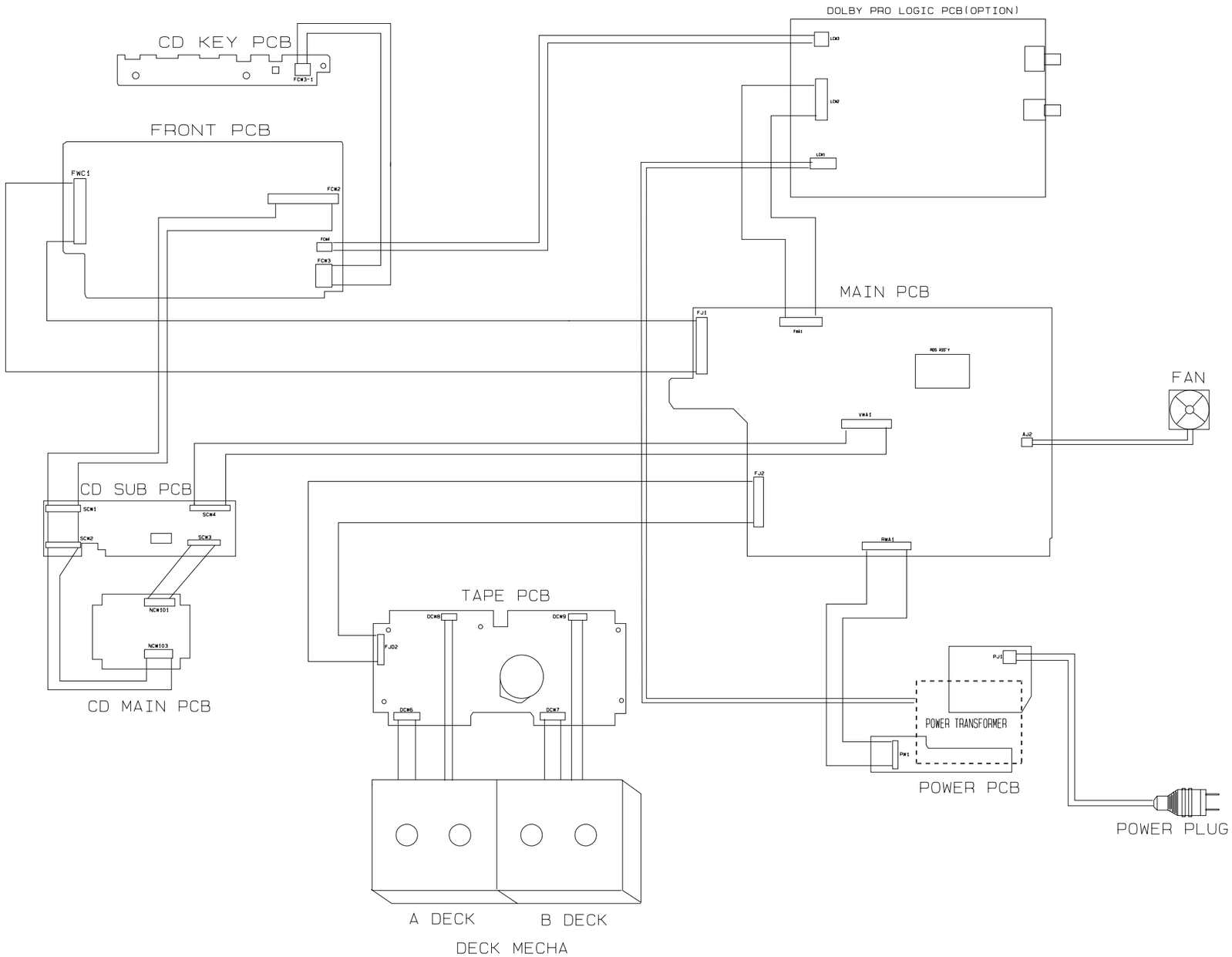
*** DIODE ***

LD10 (F1)
LD11 (F1)
LD12 (F1)
LD3 (B1)
LD4 (B1)
LD5 (F2)
LD6 (F2)
LD7 (F2)
LD8 (F2)
LD9 (F1)
LZD1 (E2)

*** TR ***

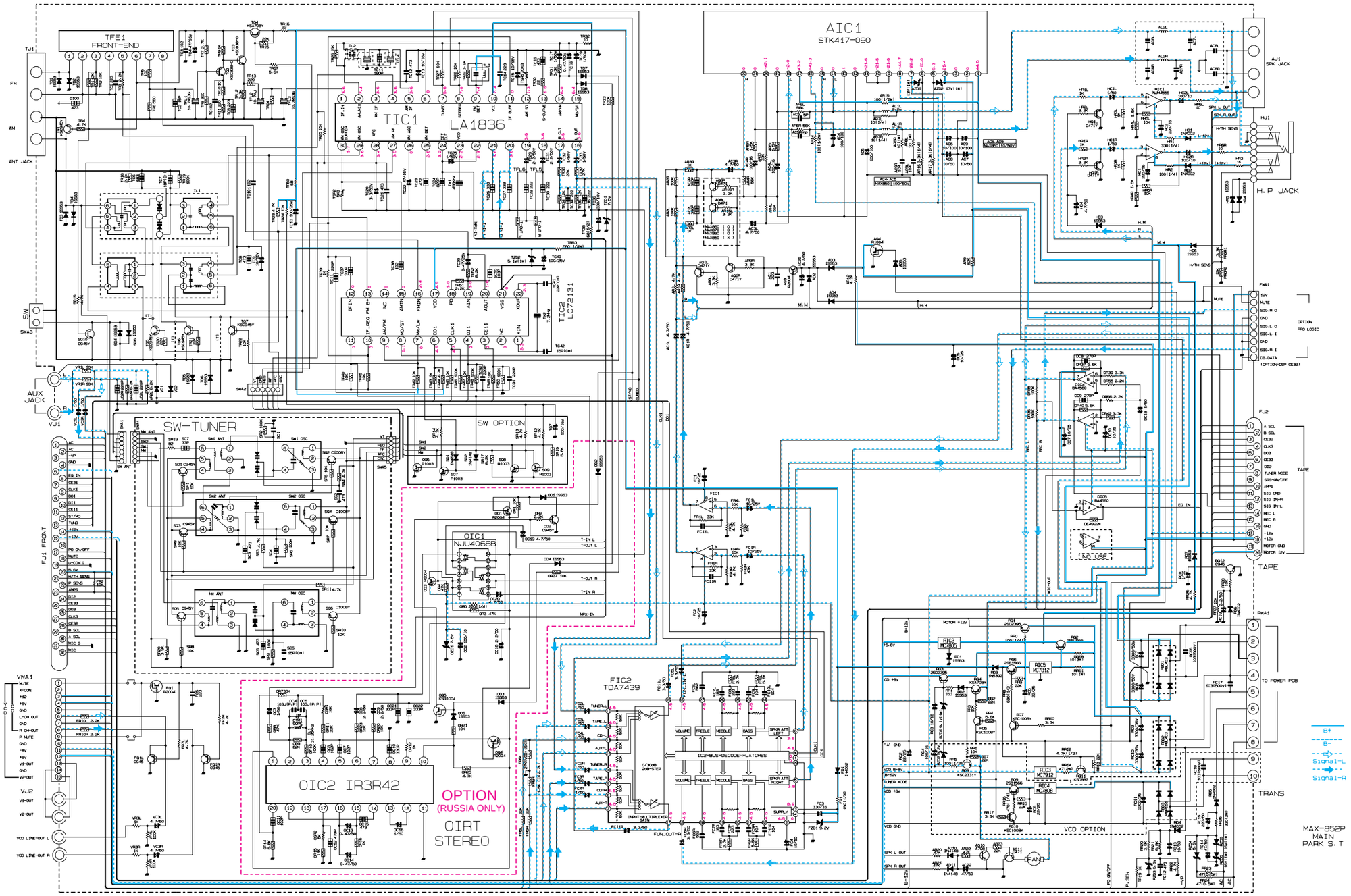
LIC4 (D3)
LIC5 (A3)
LQ1 (E1)
LQ2 (C1)
LQ3 (F2)
LQ4 (F2)

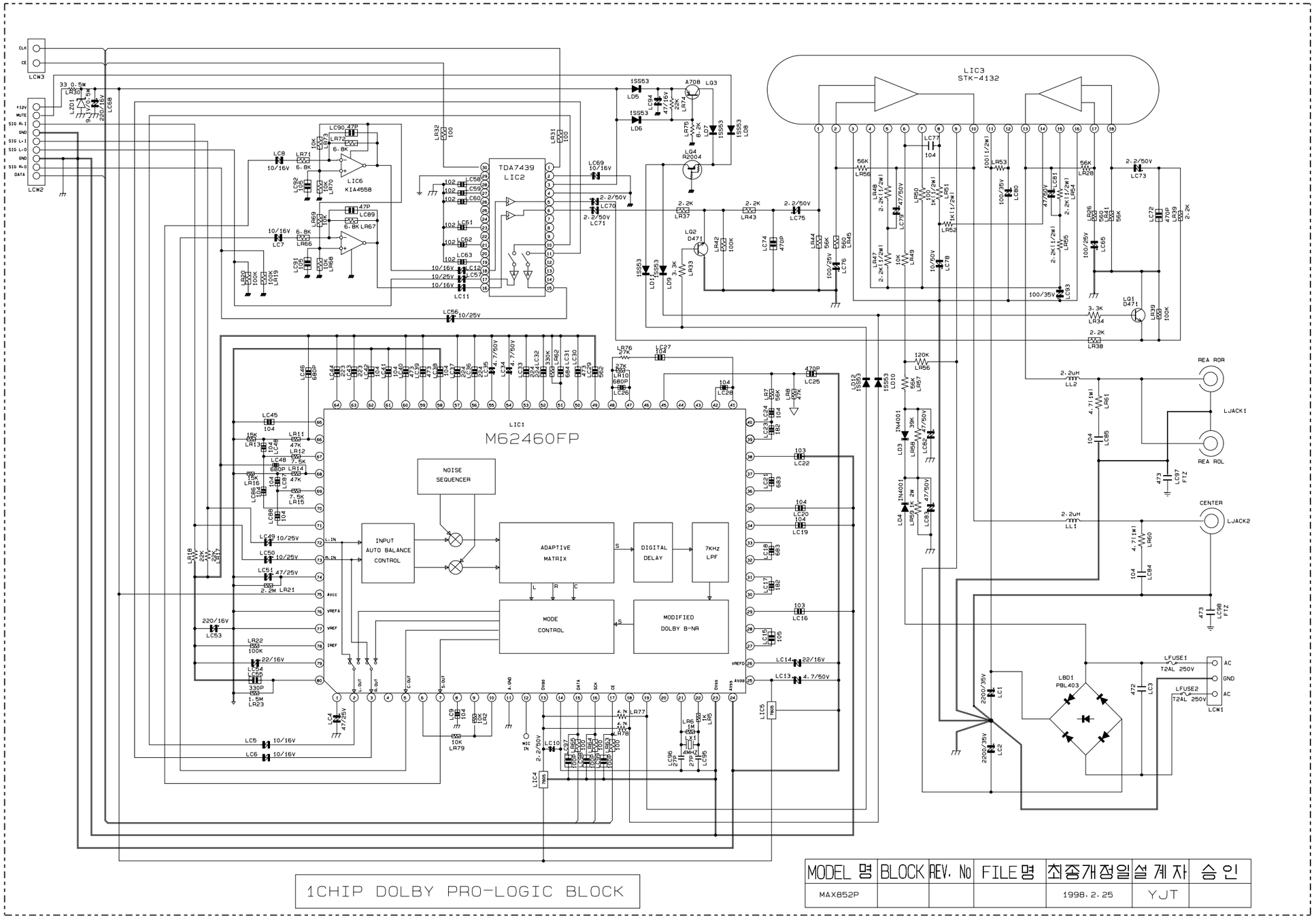
1. Wiring Diagram



4. Schematic Diagram

4-1 MAIN





1CHIP DOLBY PRO-LOGIC BLOCK

MODEL 명	BLOCK	REV. No	FILE명	최종개정일	설 계 자	승 인
MAX852P				1998.2.25	YJT	

SERVICE BULLETIN

ProDuct : AUDIO	Bulletin No. : 98-AUD-E0003
MODEL : See below	Bulletin Date : Aug 14.1998
Buyer : See attachment	ECN & data : Aug 13.1998

SUBJECT : Service Guide for model employed the new speaker

- Application Models : MAX-805,818,838,858(R),868,878,888,858P

Background : Change to new speaker(SS-SPK)

Cause : Change to model name

Solution : Refer to old Service Manual for the service(See below table)

Application Date : Running Change

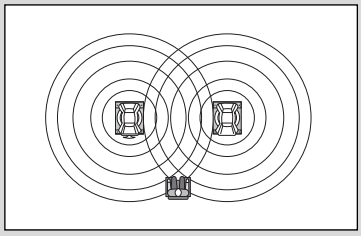
NO	Old Model Name	New Model Name	Service Manual Code No	Change area	Remark
1	MAX-800	MAX-805	AH68-20181A	PS-445 use	-Refer to old Service Manual for the service.(common)
2	MAX-810	MAX-818	AH68-20173A	SS-SPK use	
3	MAX-820	MAX-828	AH68-20186A	SS-SPK use	
4	MAX-830	MAX-838	AH68-20186A	SS-SPK use	
5	MAX-850(R)	MAX-858(R)	AH68-20176A	SS-SPK use	-Space Surround Speaker (SS-SPK)
6	MAX-852P	MAX-858P	AH68-20195A	SS-SPK use	
7	MAX-860	MAX-868	AH68-20176A	SS-SPK use	⇒ Refer to next page
8	MAX-870	MAX-878	AH68-20177A	SS-SPK use	
9	MAX-880	MAX-888	AH68-20177A	SS-SPK use	

Attachment Schematic Diagram ( ) Component Lay-out ( ) Schematic Diagram ( )
Mechanical Diagram( ) None ( ) Others (o)

Published by :	Checked by :	Approved by :

To get the most effective stereo sound

- If possible, position the height of the tweeter of the speaker system at the same height of the ears of the listener to enjoy richer sound.
- It differs according to the structure of the room. Place the speakers at the various positions to find out the optimum position. Then you will enjoy better sound.

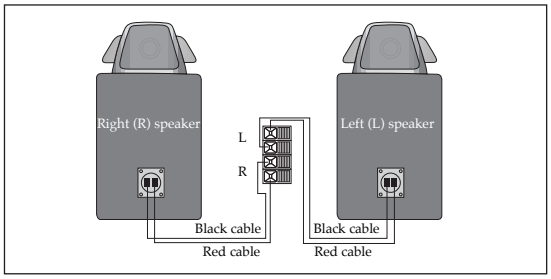


Maintenance

- Clean the system with a soft cloth applied with mild detergent or water.
- Do not use thinner, alcohol, or benzene, which peels off the paint or makes stains on the surface.

Connecting the speakers

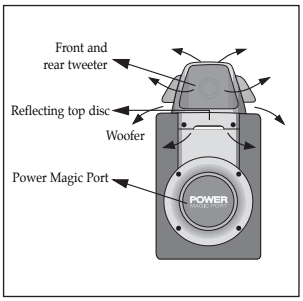
- Turn the power of the amplifier off before connecting the speakers.
- Connect the speakers using the cable enclosed with the speakers as the figure shown below. The red cable should be connected to the red terminal on both the speaker and the amplifier and the black cable to the black terminal on both. Besides, the left(L) and right(R) should be matched.
- Connect the speaker cable to the terminal accurately. If it is connected inaccurately, there may be no sound or noisy sound. Furthermore, if the +, – cables touched each other, the amplifier may be damaged.
- If the polarity of the connection is reversed, the sound quality will be lowered badly and the stereo sound will not be produced owing to the phase condition of the left and the right. Take great care to connect the speakers in phase.



About the 360° Space Surround

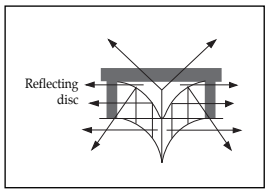
The 360° Space Surround Speaker System

- reproduces the sound of the musical instrument more naturally than the regular speakers.
- It is because that this speaker system reproduces the sound on the same principle as the resounding of the musical instrument.



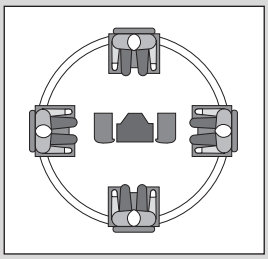
Reflecting top disc

- reflects the sound uniformly in all direction. Therefore, you can hear the same sound all around the speaker system.



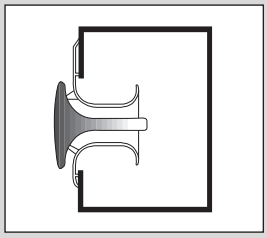
The 360° Space Surround Speaker System

- provides all the listeners around the speaker system with the same quality and volume of the sound.



Power Magic Port™

- reproduces the rich and dynamic bass sound. Especially, by the dynamic range of the medium and low frequency response, the noise generated through the port is reduced effectively to reproduce the clear bass sound.



※ Power Port™ is the patent of Polk Audio in U.S.A. Samsung Electronic has the manufacturing license to produce it.

*Note : Design and Specfication are subject to change upon improvement without prior notice.